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FIG. 1

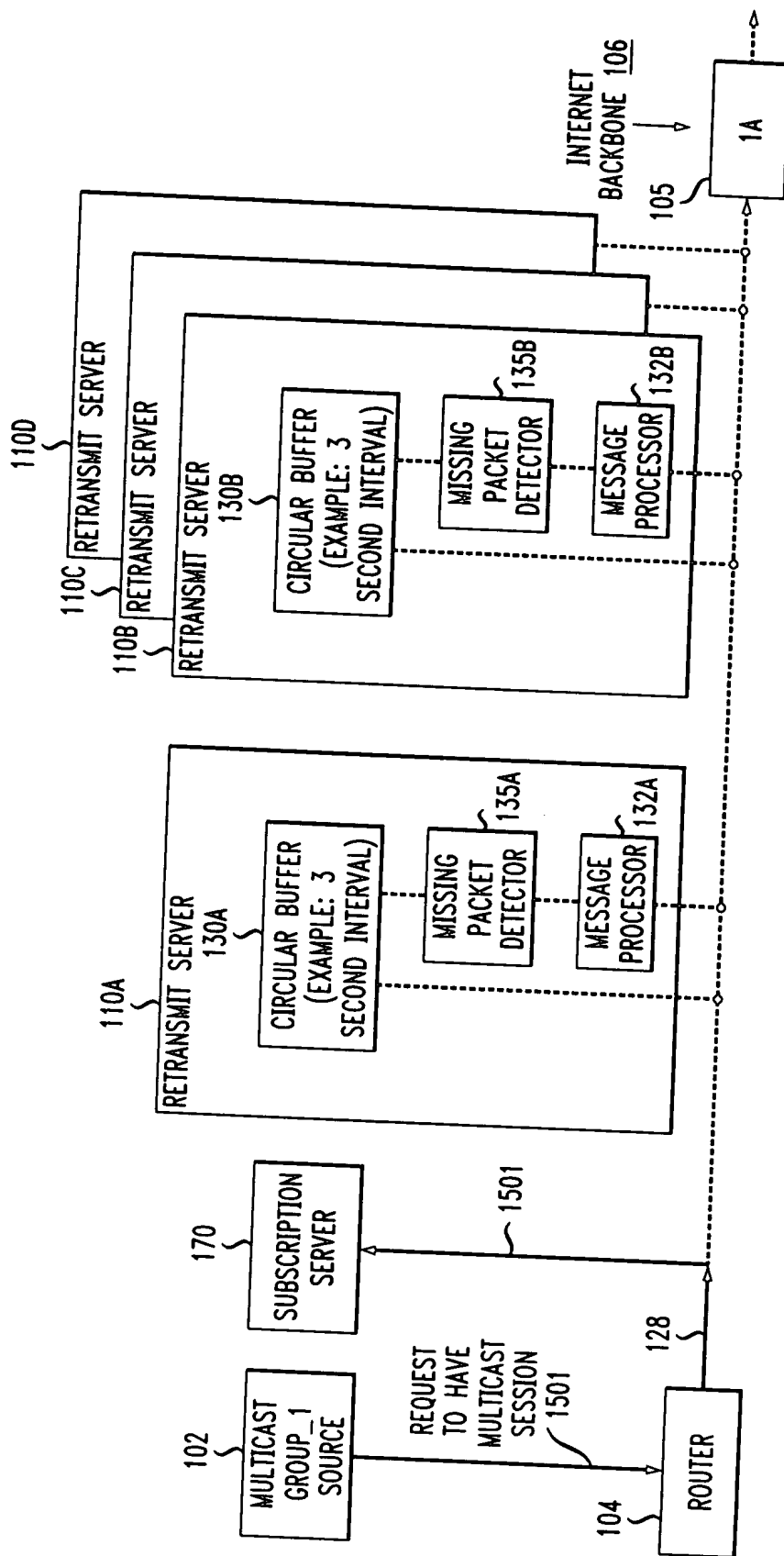


FIG. 1A

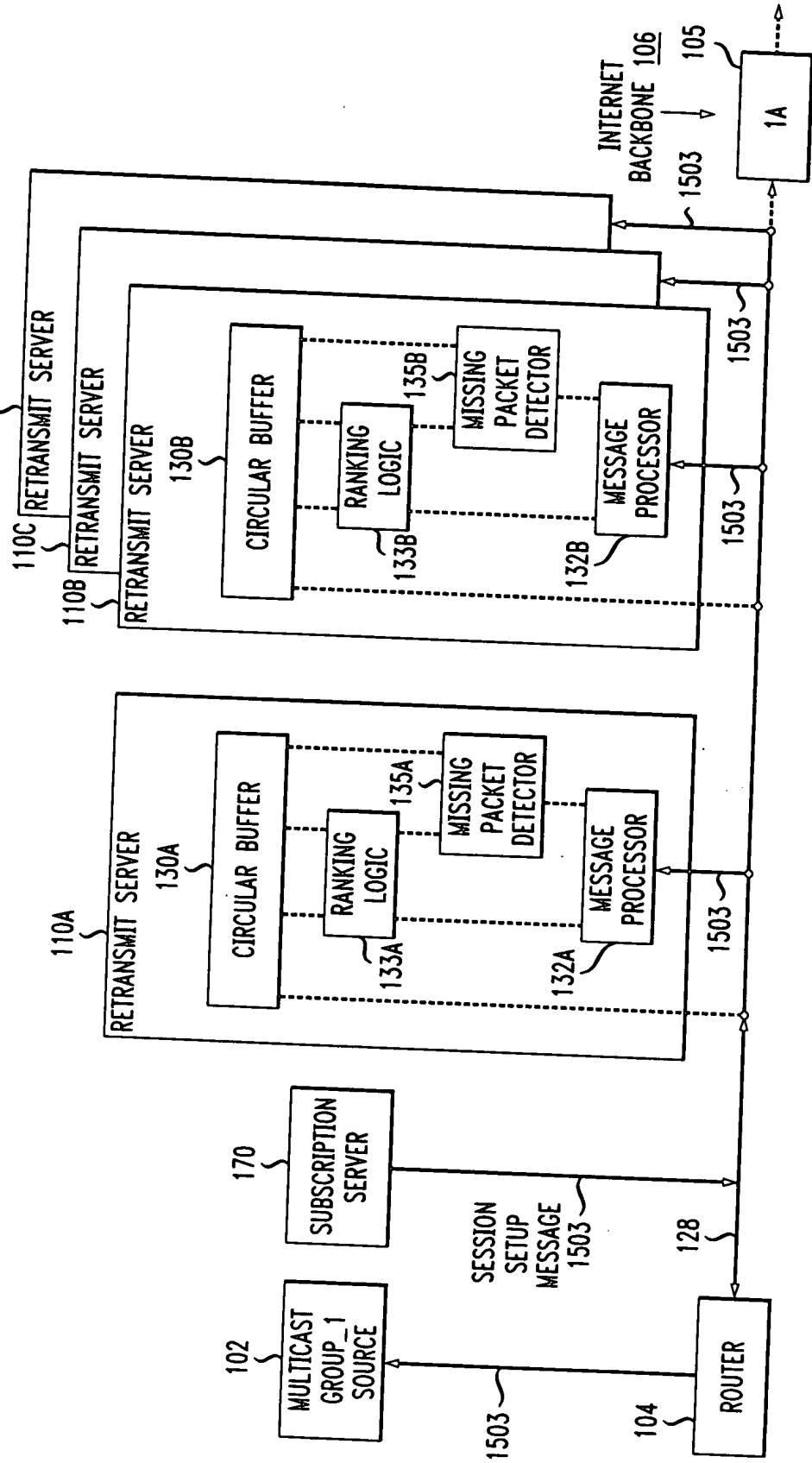


FIG. 1B

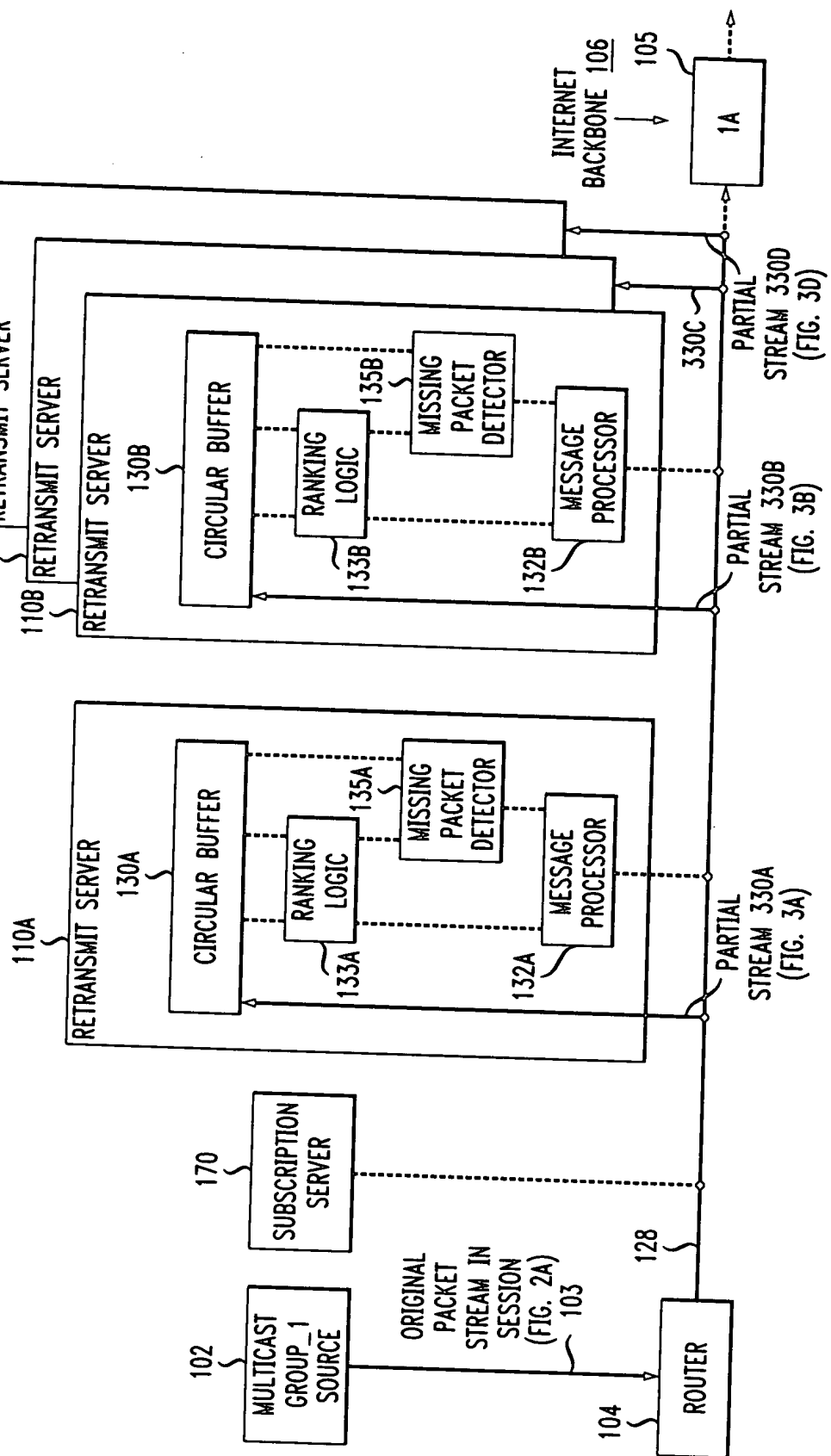


FIG. 1C

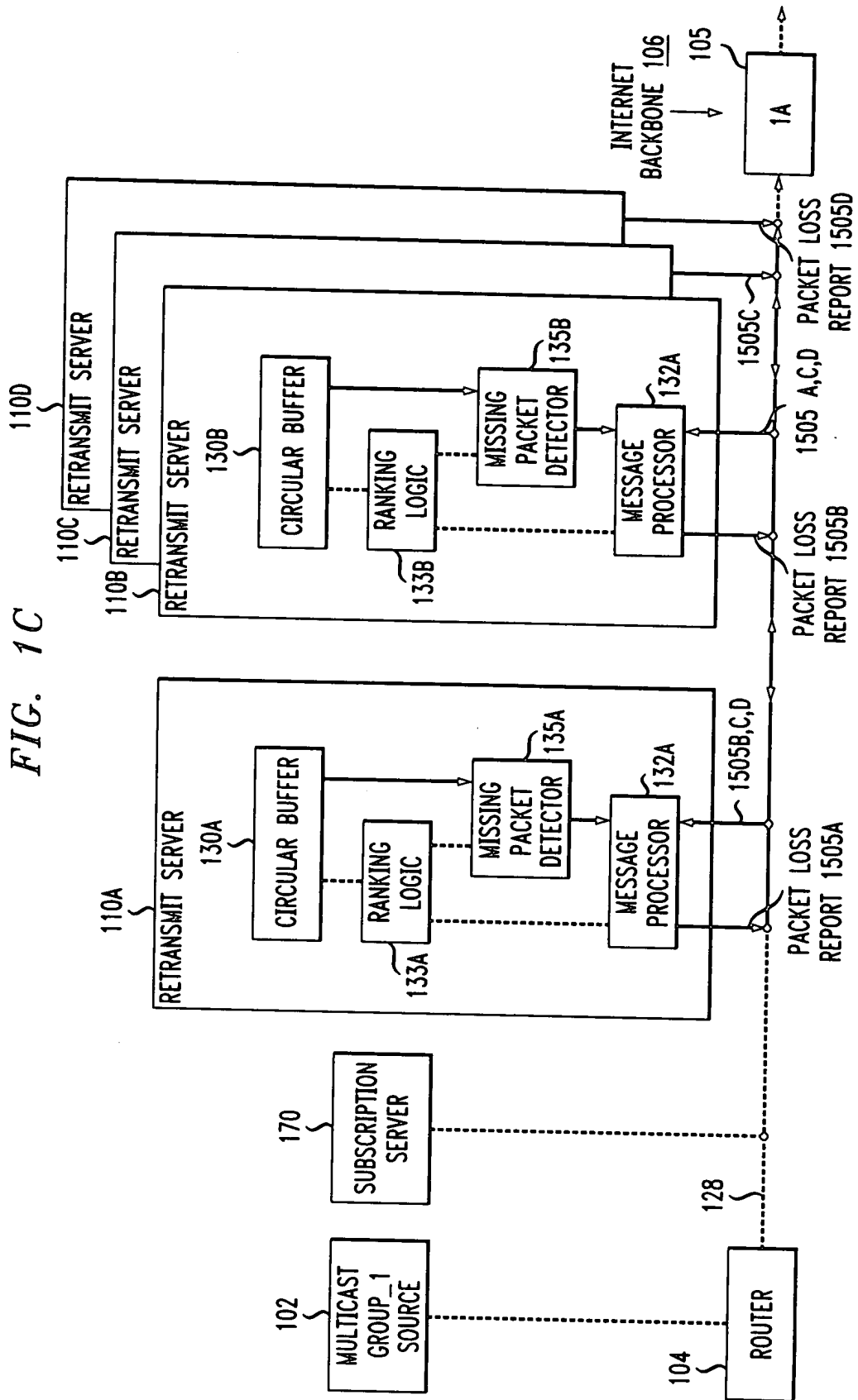
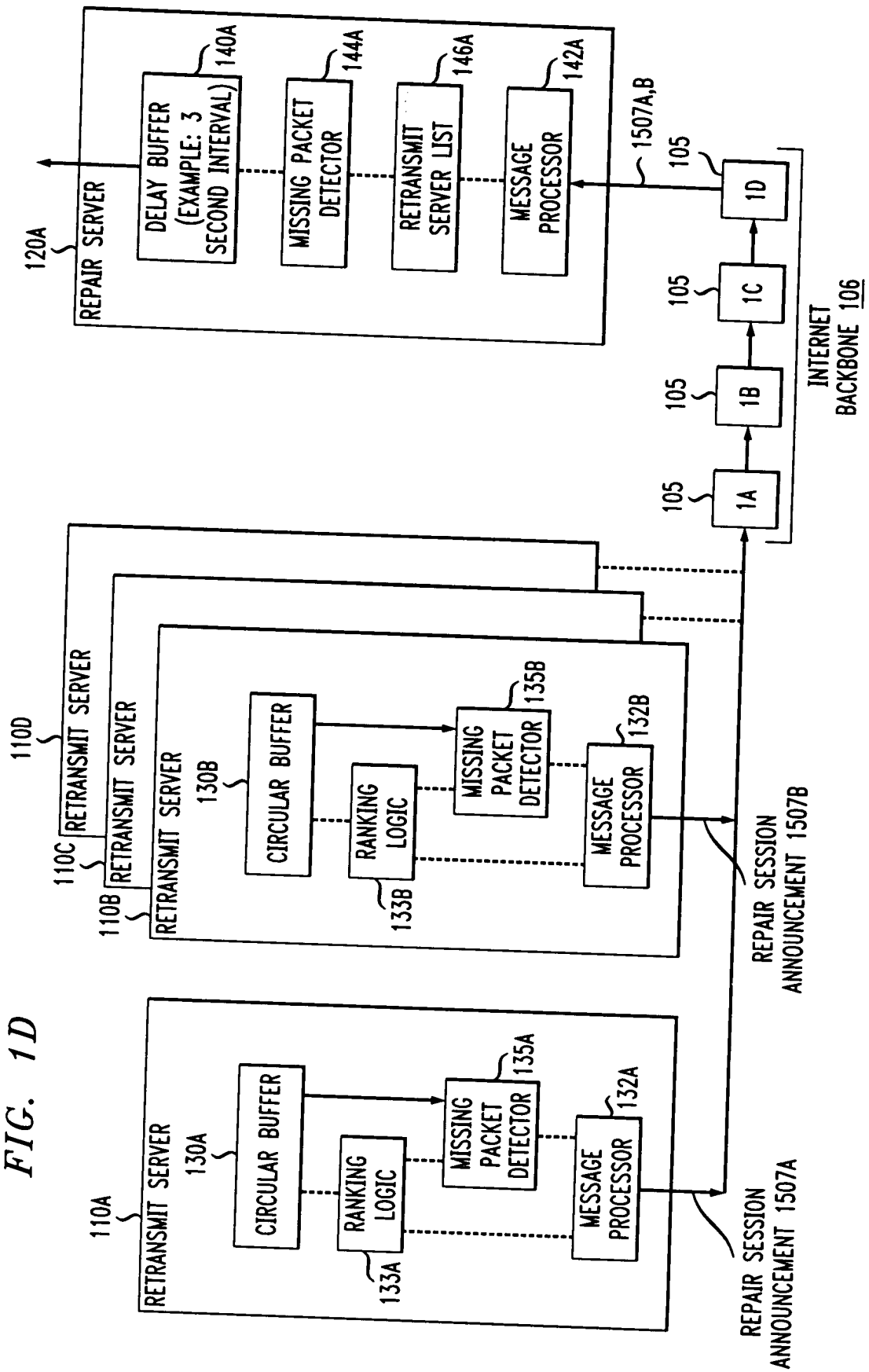
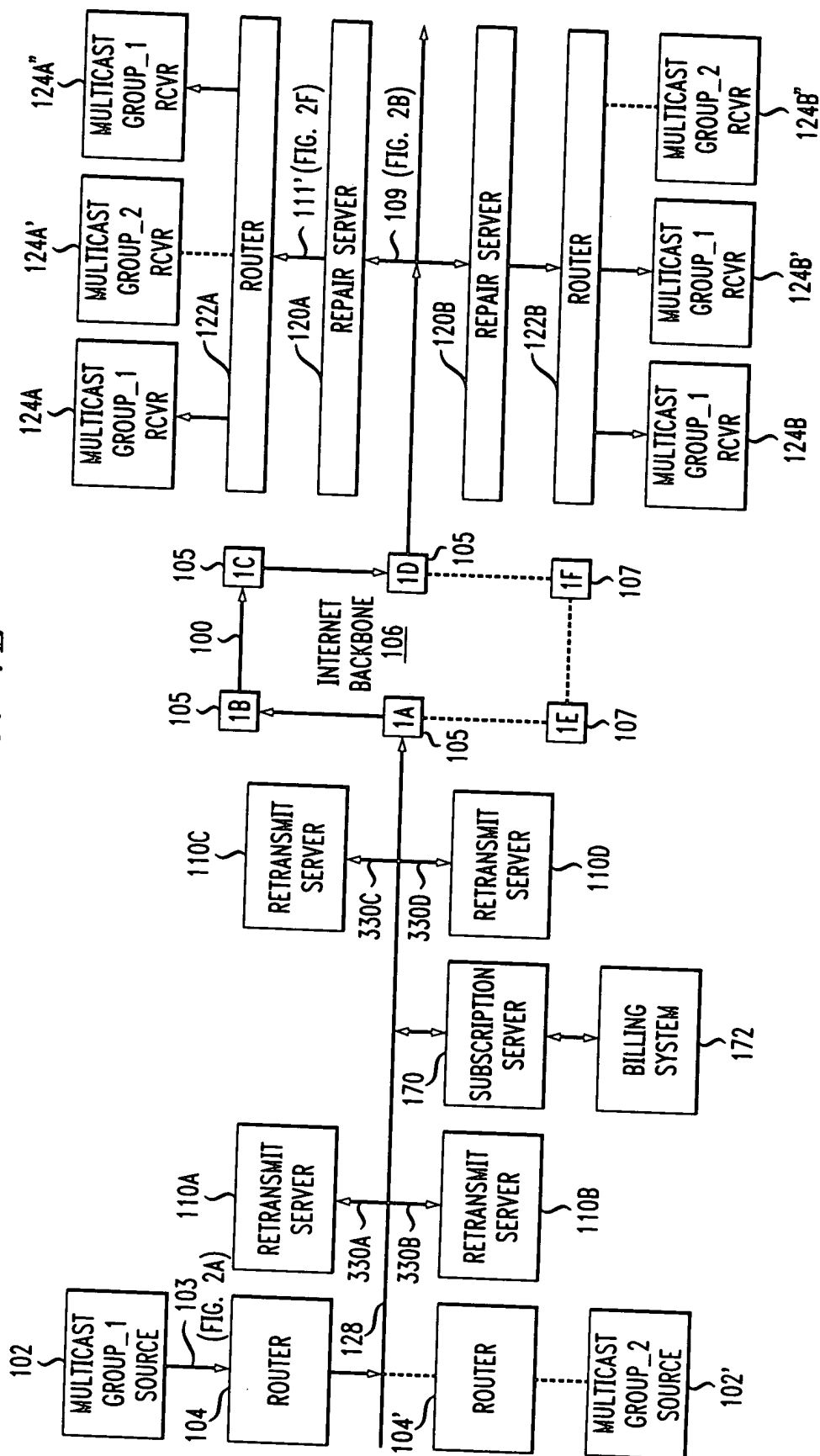


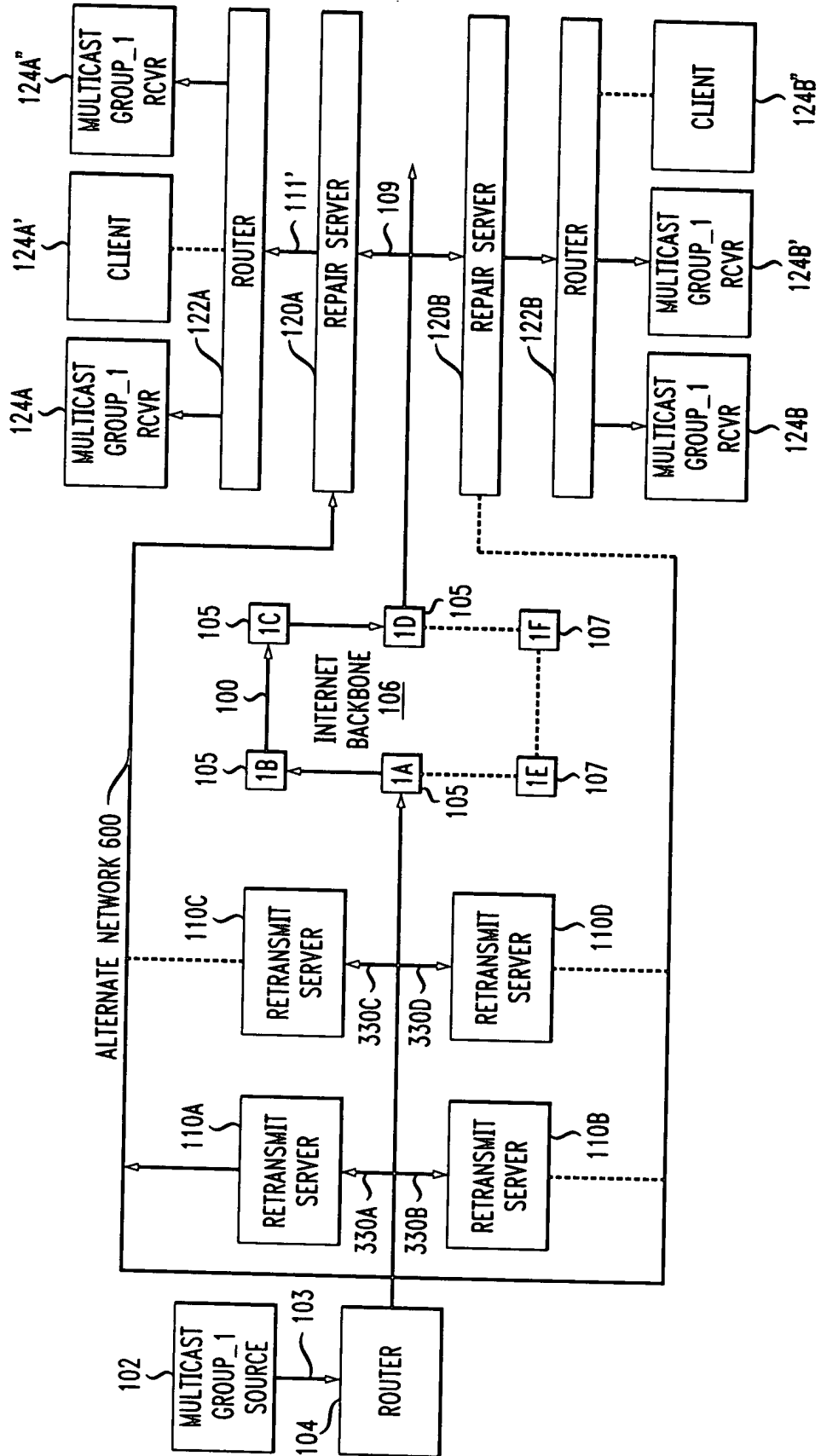
FIG. 1D





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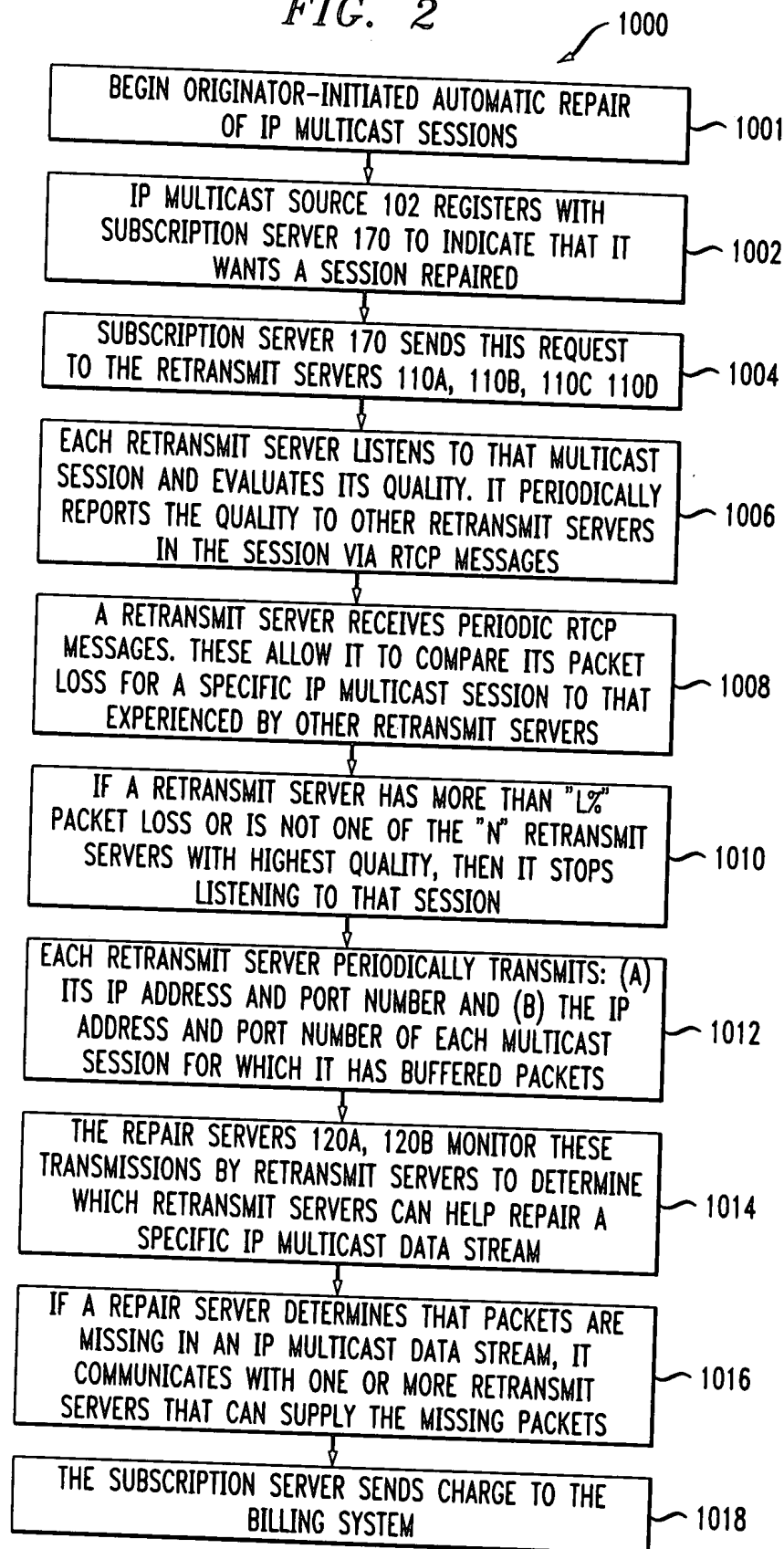
FIG. 1F





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FIG. 2



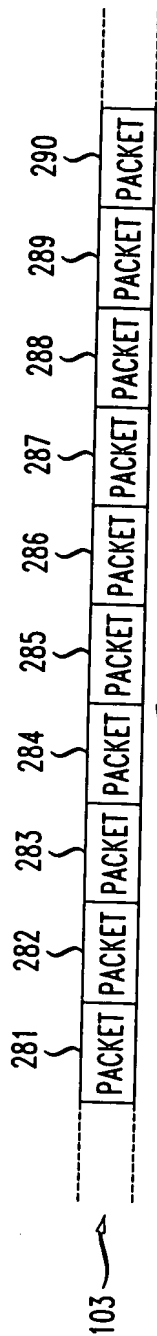




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FIG. 2A

PACKETS CURRENTLY BEING OUTPUT BY  
MULTICAST GROUP\_1 SOURCE 102



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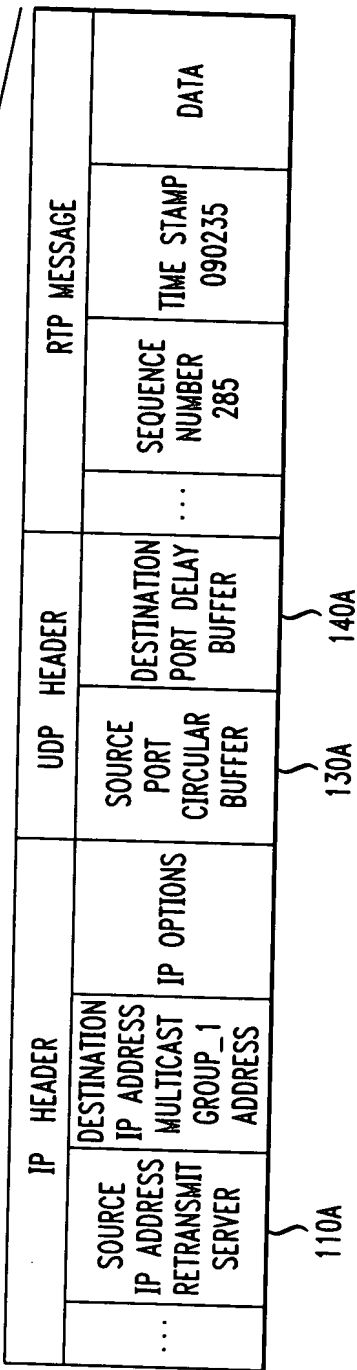


FIG. 2B

PACKETS CURRENTLY BEING DELIVERED TO DELAY BUFFER 140A

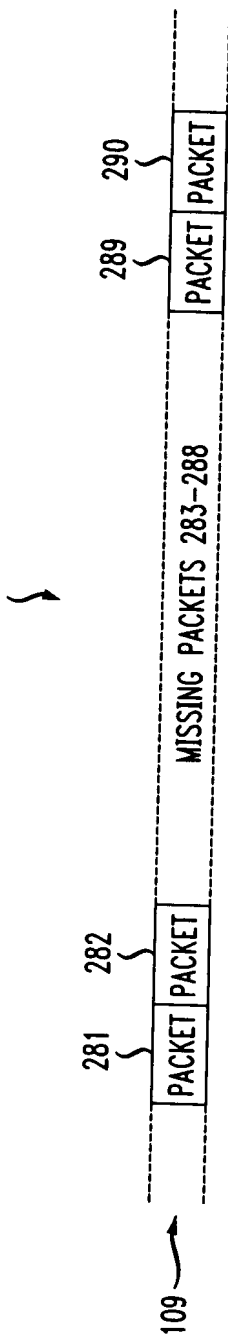
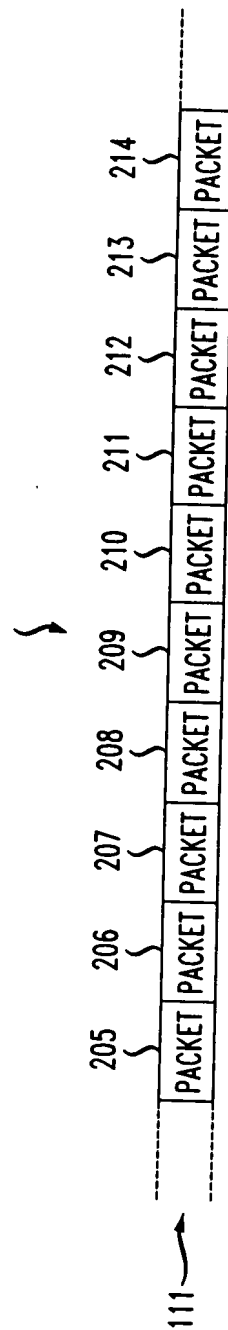


FIG. 2C

PACKETS CURRENTLY BEING DELIVERED TO ROUTER 122A  
WITH A 3-SECOND DELAY



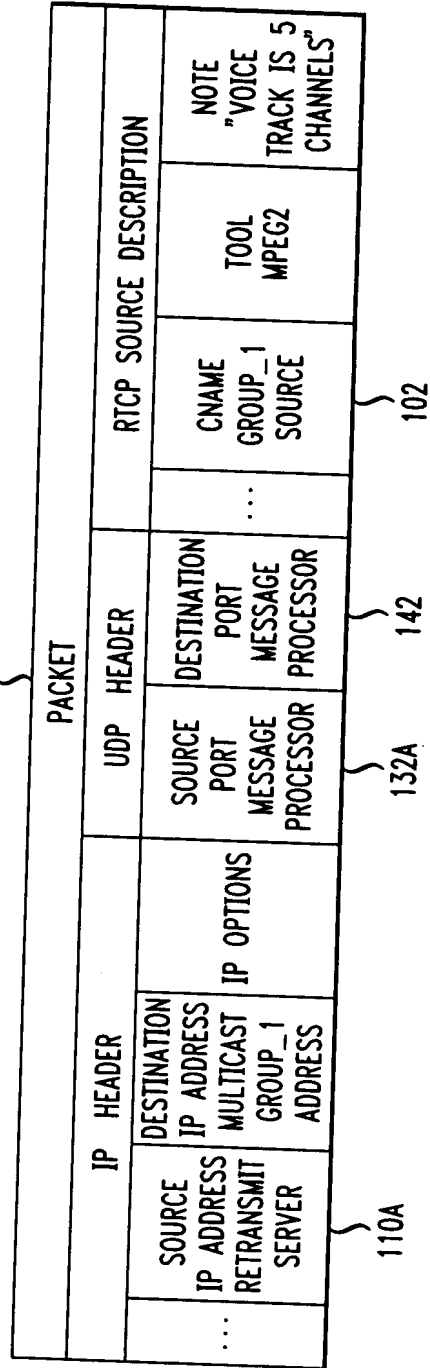


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FIG. 2D

RTCP SOURCE DESCRIPTION PACKET PERIODICALLY OUTPUT  
BY MULTICAST GROUP\_1 SOURCE 102

103'





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FIG. 2E

RTCP SENDER REPORT PACKET PERIODICALLY OUTPUT  
BY MULTICAST GROUP\_1 SOURCE 102



103

PACKET						
IP HEADER			UDP HEADER		RTCP SENDER REPORT	
...	SOURCE IP ADDRESS RETRANSMIT SERVER	DESTINATION IP ADDRESS MULTICAST GROUP_1 ADDRESS	IP OPTIONS	SOURCE PORT MESSAGE PROCESSOR	DESTINATION PORT MESSAGE PROCESSOR	...
110A			132A		142	
					SENDER'S PACKET COUNT 290	SENDER'S OCTET COUNT 290,000
					SENDER'S ID GROUP_1 SOURCE	
					102	



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FIG. 2F

REPAIRED MULTICAST SESSION 111'  
WHICH APPEARS TO RECIPIENT RECEIVERS 124A  
TO BE THE SAME MULTICAST GROUP\_1 SESSION  
FROM SOURCE 102

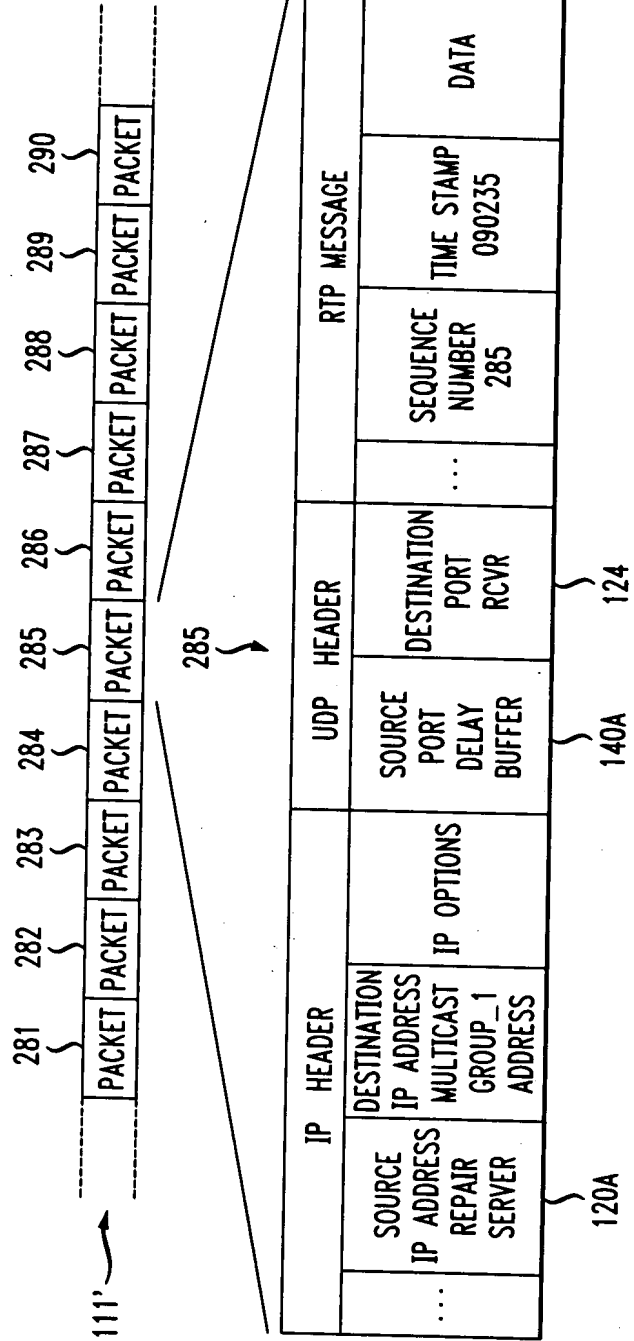
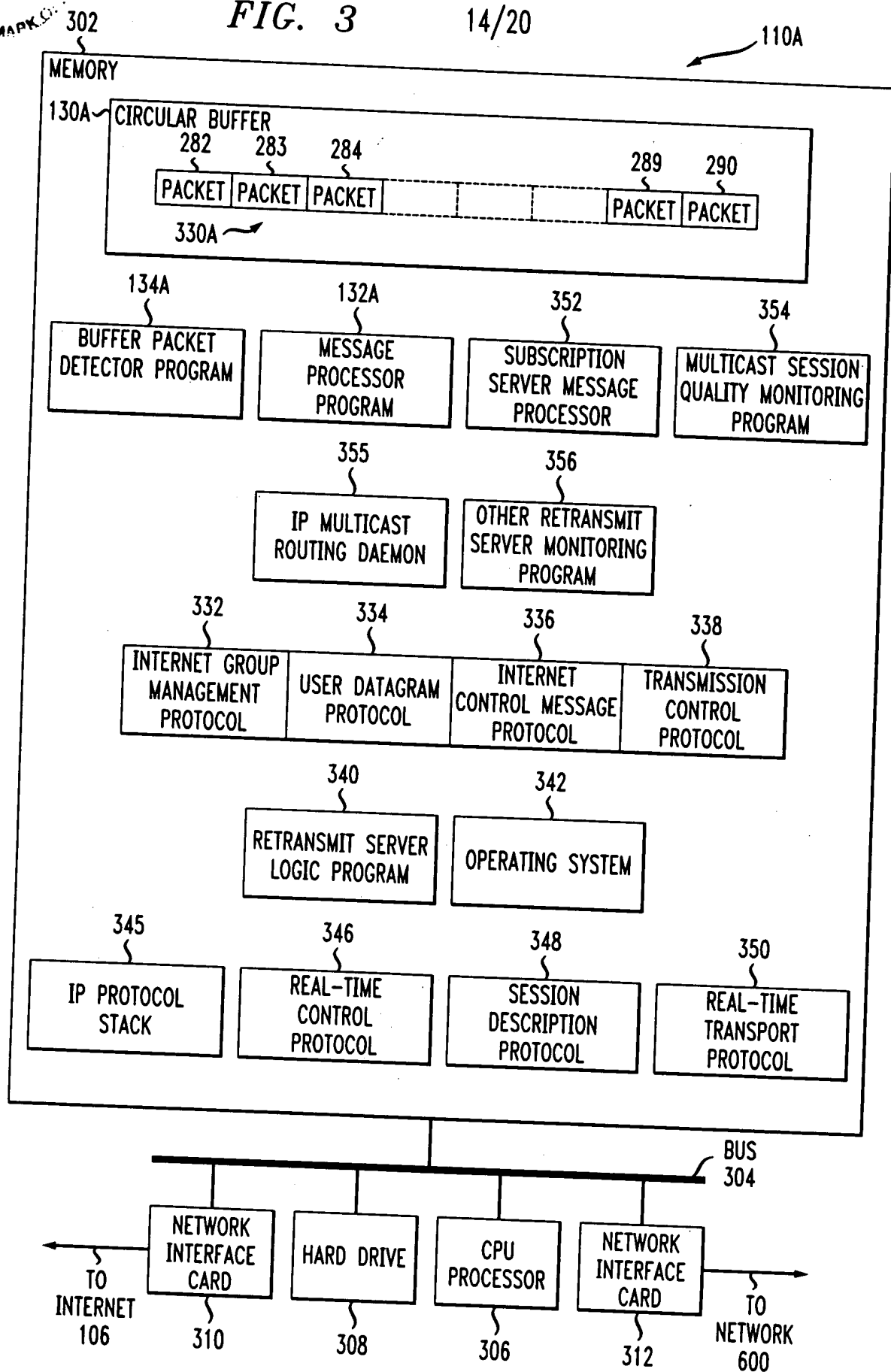


FIG. 3

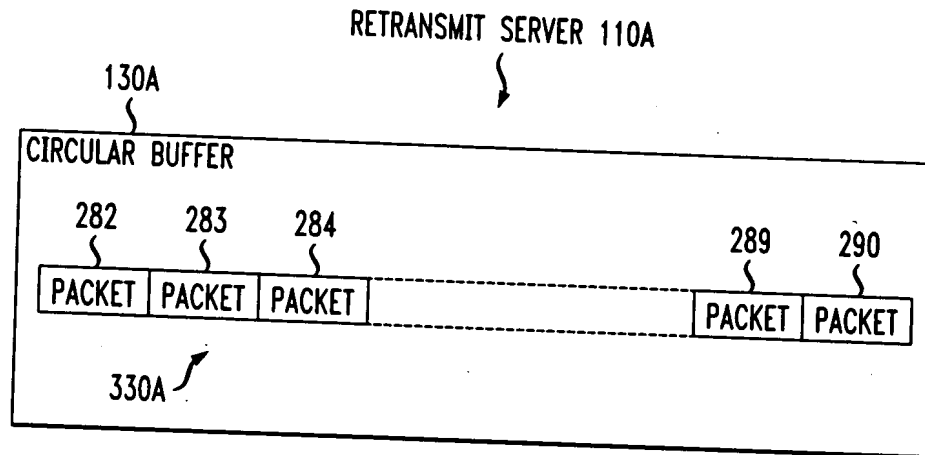
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*FIG. 3A*



*FIG. 3B*

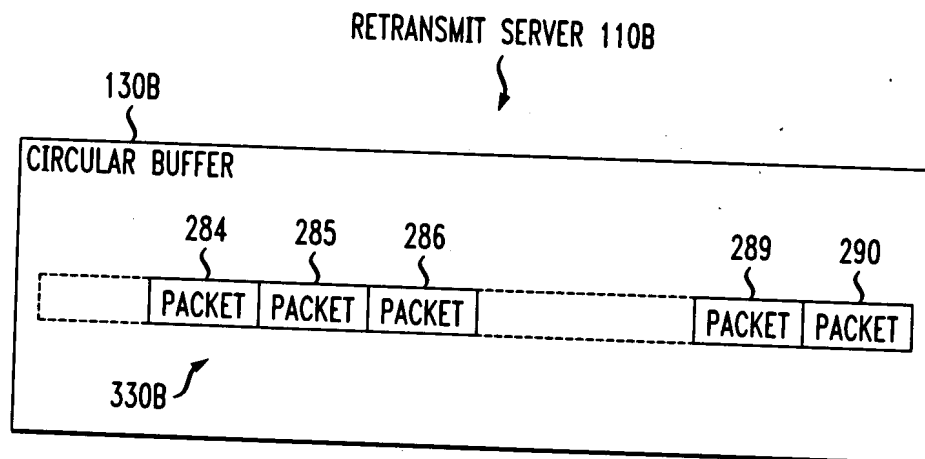


FIG. 3C

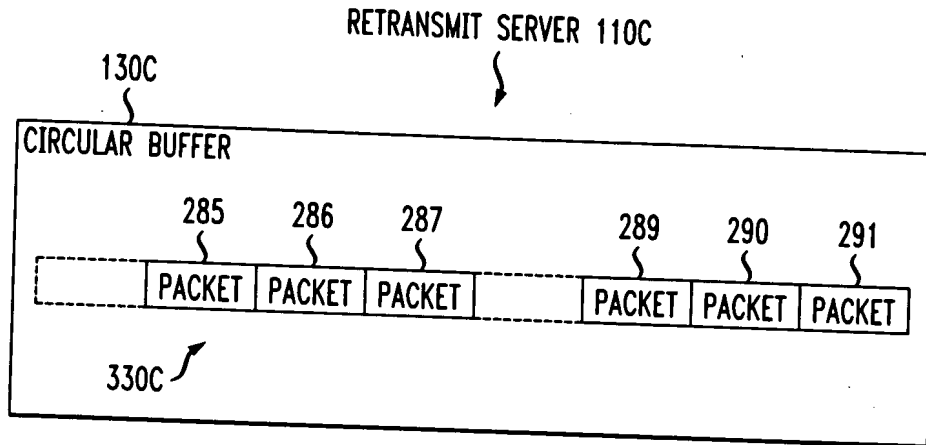


FIG. 3D

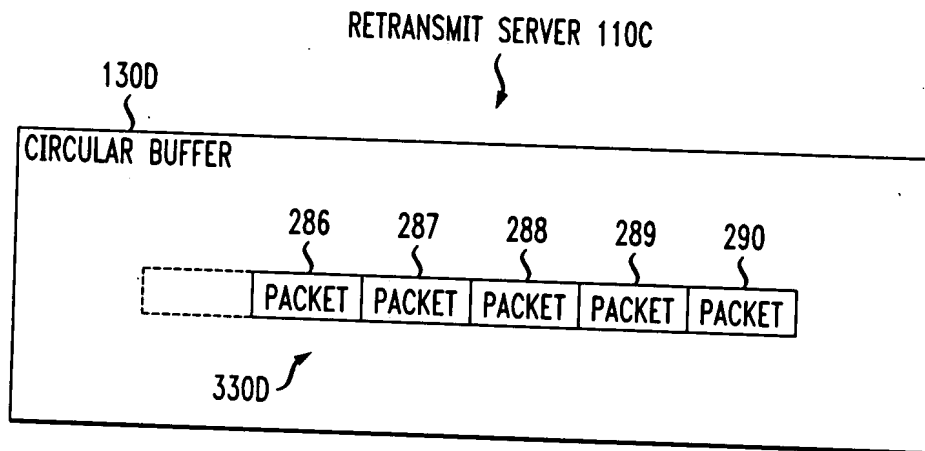




FIG. 3E

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT  
BY RETRANSMIT SERVER 110A

360A

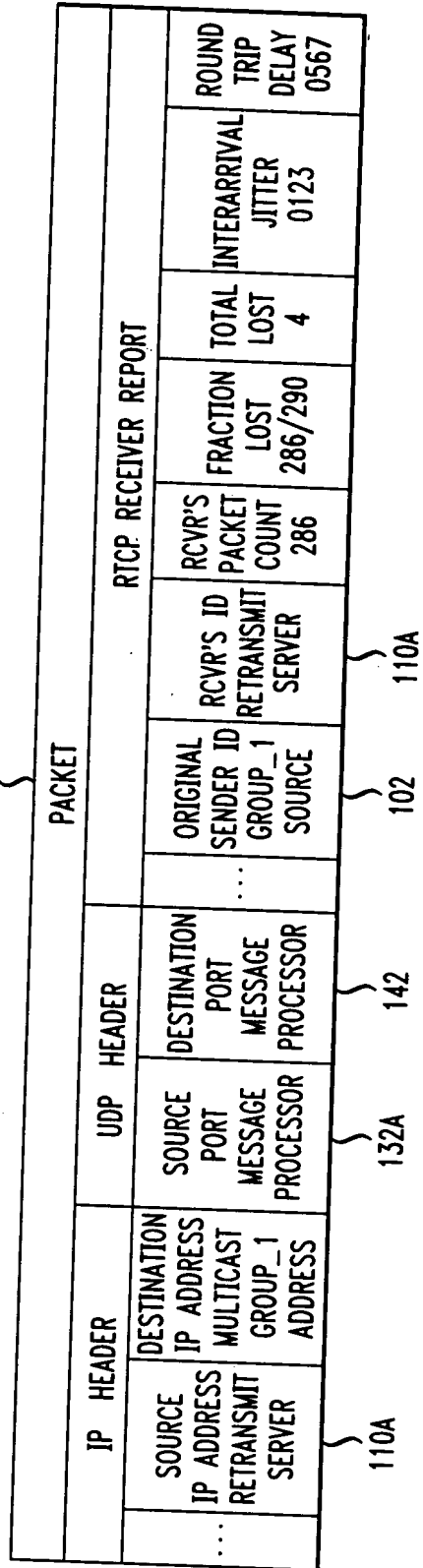
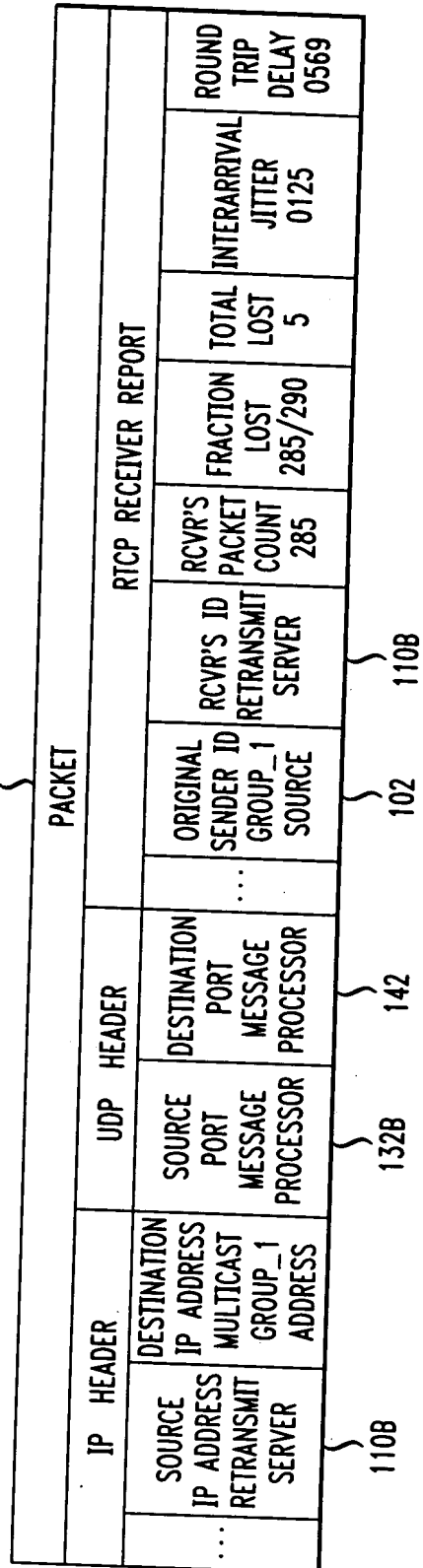




FIG. 3F

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT  
BY RETRANSMIT SERVER 110B

360B





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FIG. 3C

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT  
BY RETRANSMIT SERVER 110C

360C

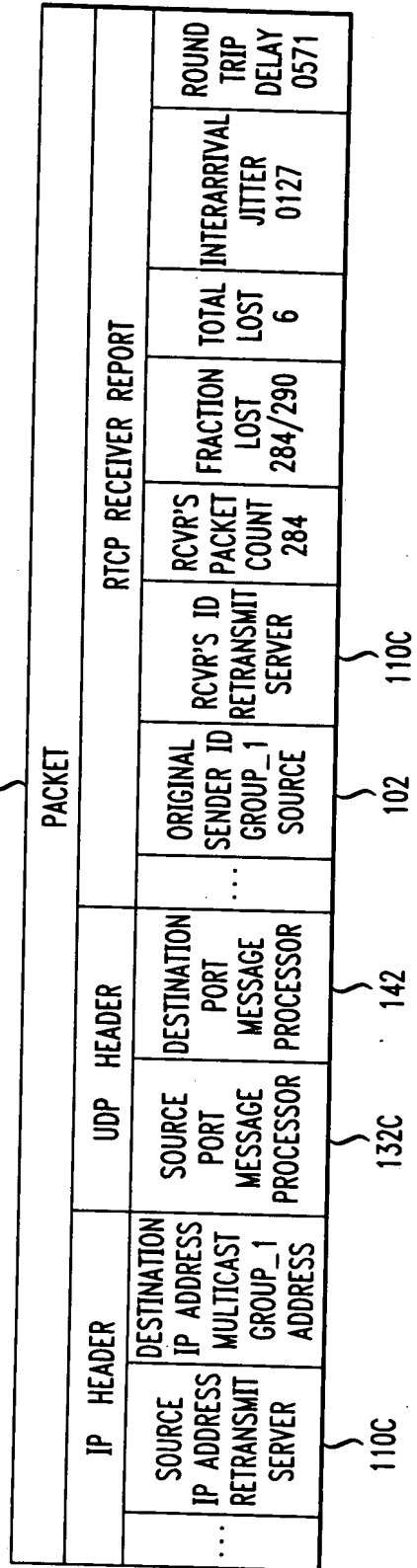


FIG. 3H

RTCP RECEIVER REPORT PACKET PERIODICALLY OUTPUT  
 BY RETRANSMIT SERVER 110D

360D

